

REMARKS

In the present final Office Action, the Examiner has rejected the pending claims as lacking enablement. In particular, the Examiner has questioned how “a solution of a monomer or polymer” produces 100 different ligands. The Examiner has also stated that the claims provide no operative connection between the positioning system and dispenser to perform the required steps for synthesis.

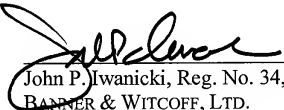
The Examiner does believe that the specification is enabling for one or more dispensers supplied with plural solutions and a positioning system as claimed. In response, Applicants have adopted the Examiner’s suggested language in independent claims 48 and 207. Regarding the operative connection between the positioning system and dispenser, Applicants have amended the claims to clarify that the positioning system includes a translational controller configured to **repeatedly** position the dispenser **in a manner to allow the dispenser to dispense the monomer or polymer for attachment at the individual localized areas.**

The specification teaches that the system is automated to the extent that when the positioning system stops at a given localized area, the dispenser dispenses the volume of solution to the localized area. See col. 19 lines 52-57 which teaches that at each stop, the dispenser deposits correctly metered amounts of monomer. Given the teaching of dispensers and translational systems in the as-filed specification and the knowledge of one of skill in the art, Applicants submit that one of skill in the art would be able to make and use an apparatus where the dispenser dispenses the solution when the positioning system with the translational controller positions the dispenser relative to individual localized areas on the surface of the substrate. Repeatedly positioning the dispenser followed by the dispensing of the solution creates the array of ligands.

Having addressed all outstanding issues, Applicants respectfully request reconsideration and allowance of this case. The Commissioner is authorized to apply any additional charges or overpayment to Deposit Account No. 19-0733.

Respectfully submitted,

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